

MINO 60 CURVE 45° high lumen

ceiling / suspended system

034-095451XH



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Suspended _____
 special colours _____
 2230 lm/m _____
 IP20 _____
 5260 lm _____

LED

3000 K _____
 CRI ≥ 80 _____
 L90 / 50000 h _____
 photobio. safety RG 0 - no Risk _____
 initial MacAdam ≤ 3 SDCM _____
 MR 0.56 _____
 MDER 0.51 _____

Optical

High Performance Opal _____
 opal (lambertsch) _____

Electrical

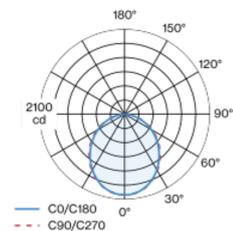
non DIM _____
 system 43 W _____
 PC1 220-240V _____
 system 122 lm/W¹ _____
 18 W/m _____

Physical

width 60 mm _____
 height 80 mm _____
 curve length 2356 mm _____
 centerline radius 3000 mm _____
 segment 45° _____
 5 kg _____

Circular segment of rolled aluminium profile, angular design, seamlessly welded; CURVE segment design 45°; for continuous lighting systems; light tight final end caps made of aluminium (available as an accessory); no visible screws; surface special colours powder coated; for ceiling surface mounting or suspended mounting (1500 mm cable suspension as an accessory); with integrated toolless suspension height adjustment on the luminaire; spring clip attachment to the luminaire; freely positionable; luminaire profile for mounting available in advance; remaining lamp components mounted without tools; LED light inset consisting of highly reflective lacquered aluminium for improved thermal management; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 80; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; HPO (High Performance Opal) cover for uniform illumination; degree of protection IP20; PC1 220-240V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; internal wiring in light halogen free; incl. converter, non dimmable; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



¹ incl. optical losses and the efficiency of the operating device (converter)

Installation instructions



Lighting calculator



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.96	0.94	0.92	0.9
LSF	1	1	1	1	1

MF	LMF × RSMF × LLMF × LSF	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire Maintenance Factor	LSF	Lamp Survival Faktor

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	15
B13	19
B16	24
B20	30
C10	25
C13	32
C16	40
C20	49

Mounting accessories

END CAPS

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
1 pair	traffic white	60-80-8	034-0902017
1 pair	jet black	60-80-8	034-0902018
1 pair	white aluminium	60-80-8	034-090201G
1 pair	special colours	60-80-8	034-090201X



Mounting accessories

CEILING CLIP

COLOUR	ARTICLE NUMBER(S)
transparent	034-11636



Mounting accessories

CABLE SUSPENSION

ARTICLE NUMBER(S)
005-2122110



CABLE RAIL

Ø (MM)	ARTICLE NUMBER(S)
1200	005-2491110



Electrical accessories

THROUGH WIRE

TYPE	ARTICLE NUMBER(S)
3 x 1,5 mm ² 10 pieces	004-90003
5 x 1,5 mm ² 10 pieces	004-90005



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CANOPY / FEEDER CABLE

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
3 x 1,5 mm ²	traffic white	90-90-22	005-2212317
3 x 1,5 mm ²	jet black	90-90-22	005-2212318
5 x 1,5 mm ²	pure white	90-90-22	005-2212417
5 x 1,5 mm ²	jet black	90-90-22	005-2212418

